



PTO-1449	Application No. 10/005,998		Applicant(s) Mohammed N. Islam et al.	
	Docket Number 068069.0117	Group Art Unit	Filing Date December 3, 2001	

**Information Disclosure Citation
in an Application****U.S. PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
SK	A	3,986,020	10/12/1976	Kogelnik	250	199	09/25/1975
SK	B	4,797,879	01/10/1989	Habbab et al.	370	3	06/05/1987
SK	C	4,873,681	10/10/1989	Arthurs et al.	370	3	01/26/1988
SK	D	4,970,714	11/13/1990	Chen et al.	370	17	01/05/1989
SK	E	5,005,167	04/02/1991	Arthurs et al.	370	4	10/11/1989
SK	F	5,063,612	11/05/1991	McKeown	455	607	08/03/1990
SK	G	5,140,655	08/18/1992	Bergmann	359	120	12/28/1990
SK	H	5,093,743	03/03/1992	Eng et al.,	359	578	02/21/1989
SK	I	5,103,340	04/07/1992	Dono et al.	385	46	08/07/1991
SK	J	5,191,626	03/02/1993	Stern	385	24	04/22/1991
SK	K	5,206,638	04/27/1993	McKeown	340	825.510	01/28/1991
SK	L	5,257,113	10/26/1993	Chen et al.	358	426	09/20/1991
SK	M	5,301,052	04/05/1994	Audouin et al.	359	124	01/24/1992
SK	N	5,343,542	08/30/1994	Kash et al.	385	31	04/22/1993
SK	O	5,361,254	5,361,254	Storck et al.	370	57	11/30/1992

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SK	P	0 412 220 A1	11/08/1989	EP	H04L	12/44	X	<input checked="" type="checkbox"/>
SK	Q	0 439 646 A1	30/01/1990	EP	H04L	12/44	X	<input checked="" type="checkbox"/>
SK	R	0 419 840 A2	22/08/1990	EP	H04L	12/56	X	<input checked="" type="checkbox"/>

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
SK	S	Arthurs et al., "HYPASS: An Optoelectronic Hybrid Packet Switching System," IEEE Journal on Selected Areas in Communications, Vol. 6, No. 9, pp. 1500-1510	12/1988
EXAMINER		DATE CONSIDERED	
SK/LG		1/4/06	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE



PTO-1449 Information Disclosure Citation in an Application	Application No. 10/005,998	Applicant(s) Mohammed N. Islam et al.	
	Docket Number 068069.0117	Group Art Unit	Filing Date December 3, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
SK	A	5,452,115	09/19/1995	Tomioka	359	123	04/22/1994
SK	B	5,455,699	10/03/1995	Glance et al.	359	125	12/21/1993
SK	C	5,455,701	10/03/1995	Eng et al.	359	135	03/28/1994
SK	D	5,485,297	01/16/1996	Sotom	359	123	10/09/1992
SK	E	5,500,858	03/19/1996	McKeown	370	60	12/20/1994
SK	F	5,506,712	04/09/1996	Sasayama et al.	359	123	07/14/1994
SK	G	5,515,361	05/07/1996	Li et al.	370	15	02/24/1995
SK	H	5,519,526	05/21/1996	Chua et al.	359	152	10/21/1992
SK	I	5,521,732	05/28/1996	Nishio	359	120	06/08/1994
SK	J	5,539,559	07/23/1996	Cisneros et al.	359	117	08/21/1992
SK	K	5,729,527	03/17/1998	Gerstel et al.	370	228	03/19/1996
SK	L	5,739,945	04/14/1998	Tayebati	359	291	09/27/1996
SK	M	5,781,537	07/14/1998	Ramaswami et al.	370	254	07/07/1995
SK	N	5,793,746	08/11/1998	Gerstel et al.	370	228	04/29/1996
SK	O	5,825,949	10/20/1998	Choy et al.	385	24	04/03/1997

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SK	P	2-278132	14/11/1990	JP	H01S	003/08	X	
SK	Q	6-350563	22/12/1994	JP	H04J	014/02	X	
SK	R	0 667 690 A2	24/01/1995	EP	H04J	14/02	X	

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
SK	S	Chen et al., "A Media-Access Protocol for Packet-Switched Wavelength Division Multiaccess, Metropolitan Area Networks," IEEE Journal on Selected Areas in Communications, Vol. 8, No. 6, pp. 1048-1057	08/1990

EXAMINER <i>SK: KLS</i>	DATE CONSIDERED <i>1/4/2006</i>
----------------------------	------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449 Information Disclosure Citation in an Application	Application No. 10/005,998	Applicant(s) Mohammed N. Islam et al.	
	Docket Number 068069.0117	Group Art Unit	Filing Date December 3, 2001.

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
sk	A	5,847,852	12/08/1998	Domon et al.	359	118	03/05/1997
sk	B	5,864,414	01/26/1999	Barnsley et al.	359	125	07/26/1996
sk	C	5,889,600	03/30/1999	McGuire	359	128	10/24/1994
sk	D	5,915,054	06/22/1999	Ota	385	46	06/02/1995
sk	E	5,923,644	07/13/1999	McKeown et al.	370	230	10/03/1996
sk	F	5,926,299	07/20/1999	Bayart et al.	359	121	12/24/1996
sk	G	5,949,801	09/07/1999	Tayebati	372	20	07/22/1998
sk	H	6,025,944	02/15/2000	Mendez et al.	359	136	03/27/1997
sk	I	6,025,950	02/15/2000	Tayebati et al.	359	244	07/27/1998
sk	J	6,041,071	03/21/2000	Tayebati	372	64	09/27/1996
sk	K	6,097,533	08/01/2000	Atlas	359	337	10/21/1997
sk	L	6,108,112	08/22/2000	Touma	359	110	09/23/1997
sk	M	6,108,311	08/22/2000	Ramaswami et al.	370	258	04/29/1996
sk	N	6,147,786	11/14/2000	Pan	359	124	02/20/1998
sk	O	6,192,173 B1	02/20/2001	Solheim et al.	285	24	06/02/1999

FOREIGN PATENT DOCUMENTS

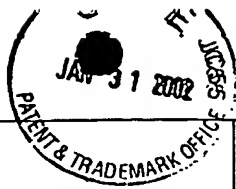
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
sk	P	8-163048	21/06/1996	JP	H04J	014/02	X	
sk	Q	9-326780	16/12/1997	JP	H04J	014/02	X	
sk	R	98/05995	12/02/1998	WO	G02F	1/00	X	

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
sk	S	"39.5 Million-Way WDM Broadcast Network Employing Two Stages of Erbium-Doped Fibre Amplifiers," Electronics Letters, Vol. 26, No. 22, pp. 1882-1884	10/25/1990
EXAMINER		DATE CONSIDERED	
sk		1/4/06	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE



PTO-1449 Information Disclosure Citation in an Application	Application No. 10/005,998	Applicant(s) Mohammed N. Islam et al.	
	Docket Number 068069.0117	Group Art Unit	Filing Date December 3, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>sk</i>	A	6,212,182 B1	04/03/2001	McKeown	370	390	06/27/1996
<i>sk</i>	B	6,301,274 B1	10/09/2001	Tayebati et al.	372	20	03/30/1999
	C						
	D						
	E						
	F						
	G						
	H						
	I						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>sk</i>	J	99/56433	04/11/1999	WO	H04L	12/00	X	
<i>sk</i>	K	99/22496	06/05/1999	WO	H04L	12/44	X	
<i>sk</i>	L	00/05832	03/02/2000	WO	G02B	6/26	X	
<i>sk</i>	M	01/15368 A2	01/03/2001	WO	H04J	14/02	X	
<i>sk</i>	N	01/18576 A1	15/03/2001	WO	H04J	14/00	X	

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
<i>sk</i>	O	"39-81 Gbit/s, 43-8 Million-Way WDM Broadcast Network with 527 km Range," Electronics Letters, Vol. 27, No. 22, pp. 2051-2053	10/24/1991
<i>sk</i>	P	Appleton et al., "Modelling WDM Video Distributive Networks," The Institution of Electrical Engineers," pp. 1-4	1993
<i>sk</i>	Q	Agrawal, "Fiber-Optic Communication Systems," A Wiley-Interscience Publication, The Institute of Optics University of Rochester NY, pp. 284-360	1997
<i>sk</i>	R	Ford et al., "Fiber-Coupled Variable Attenuator Using a MARS Modulator," Invited Paper, SPIE, Vol. 3226, pp. 86-93	1997
<i>sk</i>	S	Sadot et al., "Tunable Optical Filters for Dense WDM Networks," IEEE Communications Magazine, pp. 50-55	12/1998

EXAMINER <i>sk f'li</i>	DATE CONSIDERED <i>1/4/2006</i>
----------------------------	------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449	Application No. 10/005,998	Applicant(s) Mohammed N. Islam et al.	
	Information Disclosure Citation in an Application	Docket Number 068069.0117	Group Art Unit Filing Date December 3, 2001

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
B							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
sk	C	Carena et al., "OPERA: An Optical Packet Experimental Routing Architecture with Label Swapping Capability," <i>Journal of Lightwave Technology</i> , Vol. 16, No. 12, pp. 2135-2145	12/1998
sk	D	Misawa et al. "WDM Knockout Switch with Multi-Output-Port Wavelength-Channel Selectors," <i>Journal of Lightwave Technology</i> , Vol. 16, No. 12, pp. 2212-2219	12/1998
sk	E	Sadot et al., "Optical Switching Speed Requirements for Terabit/Sec Packet Over WDM Networks," ECOC	1999
sk	F	Elhanany et al., "A Novel Tbit/sec Switch Architecture for ATM/WDM High-Speed Networks," IEEE/IEICE ATM Workshop, Japan, pp. 97-101	1999
sk	G	Elhanany et al., "Tbit/s switching scheme for ATM/WDM networks," <i>Electronics Letters</i> , Vol. 35, No. 1, 2 pages	01/07/1999
sk	H	"A New Architecture for Switch and Router Design," PMC-Sierra, Inc., pp. 1-8	12/22/1999
sk	I	Tsukada et al., "WDM/SCM Broadcast-and-select Architecture for Streaming-media," <i>IEEE</i> , pp. 358-359	2000
sk	J	Pesach et al., "Free-space optical cross-connect switch by use of electroholography," <i>Applied Optics</i> , Vol. 39, No. 5, pp. 746-758	02/10/2000
sk	K	Sadot et al., "Optical Switching Speed Requirements for Terabit/Second Packet Over WDM Networks," <i>IEEE Photonics Technology Letters</i> , Vol. 12, No. 4, pp. 440-442	04/2000
sk	L	Goossen, "MEMS-Based Variable Optical Interference Device," <i>IEEE</i> , Invited MB1, pp. 17-18	08/2000
sk	M	Shrikhande et al., "HORNET: A Packet-Over-WDM Multiple Access Metropolitan Area Ring Network," <i>IEEE Journal on Selected Areas in Communications</i> , Vol. 18, No. 10, pp. 2004-2016	10/2000
sk	N	McKeown, "A quick tutorial on IP Router design," <i>Optics and Routing Seminar</i> , pp. 1-42	10/10/2000
sk	O	McKeown, "How might optics be used in IP routers and the Internet?," <i>Optics and Routing Seminar</i> , pp. 1-36	10/24/2000
sk	P	Chao et al., "An Optical Interconnection Network for Terabit IP Routers," <i>Journal of Lightwave Technology</i> , Vol. 18, No. 12, pp. 2095-2112	12/2000
sk	Q	Elhanany et al., "A Prioritized Packet Scheduling Architecture for Provision of Quality-of-Service in Tbit/sec WDM Networks," <i>IEEE</i> , pp. 695-700	2000
sk	R	Plastow et al., "Tunable lasers key to data-network migration," <i>Lightwave</i> , www.light-wave.com, pp. 148-152	03/2001
sk	S	Dhar, "Seamless Optical Scaling: Enabling a Dynamic Network," <i>Fiberoptic Product News</i>	08/2001

EXAMINER <i>SK K'Li</i>	DATE CONSIDERED <i>1/4/2006</i>
----------------------------	------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449	Application Number 10/005,998	Applicant(s) Mohammed N. Islam et al.
	Docket Number 068069.0117	Filing Date December 3, 2001

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
B							

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
Sk C	Dhar et al., "Tunable lasers create dynamic networking capabilities," WDM Solutions, pp. 82, 84, 86, and 88	09/2001
Sk D	Nowak et al., "Stable supercontinuum generation in short lengths of conventional dispersion-shifted fiber," Department of Electrical Engineering and Computer Science, The University of Michigan, pp. 1-20	
Sk E	Nowak et al., "Stable 200nm TDM/WDM source based on continuum generation in 2m of fiber," Department of Electrical Engineering and Computer Science, The University of Michigan, pp. 1-13	
Sk F	"Comparison of Techniques for Multi-Tb/s TDM/WDM Source," The University of Michigan	
Sk G	Bayne et al., "Broadcast-and-select OADM enables low-cost transparency," LIGHTWAVE, www.light.wave.com, pp. 69-74	12/2001
Sk H	"Corning Discovering Beyond Imagination," Presented at STARTRAX, 13 pages	2001
Sk I	Fernandez et al., "TCP Switching: Exposing Circuits to IP," Stanford University, pp. 1-6	
Sk J	Walker et al., "Mechanical Anti-Reflection Switch (MARS) Device for Fiber-In-the-Loop Applications," Invited FA1, pp. 59-60	
Sk K	McKeown, "Fast Switched Backplane for a Gigabit Switched Router," Department of Electrical Engineering, Stanford University, CA, pp. 1-30	
Sk L	"Broadcast and Distribution Networks," 7.1.2, pp. 289-297	
Sk M	McKeown et al., "The Two-Stage Switch," Leland Stanford Junior University, 12 pages	
Sk N	Fernandez, "Where Does Circuit Switching Make Sense In the Internet?," High Performance Networking Group, Stanford University, 19 pages	
Sk O	Pending patent application, USSN 10/004,095, (068069.0114), entitled "Optical Routing Using a Star Switching Fabric," by Islam et al., pp. 1-92	12/03/2001 Filed
Sk P	Pending provisional patent application, USSN 60/336,779, (068069.0115), entitled "High Speed MEMS Device," by Islam et al., pp. 1-	12/03/2001 Filed
Sk Q	Pending patent application, USSN 10/006,001, (068069.0116), entitled "Optical Routing Using Star Switching Fabric with Reduced Effective Switching Time," by Islam, pp. 1-94	12/03/2001 Filed
Sk R	Pending patent application, USSN 10/004,996, (068069.0118), entitled "Broadcast and Select Optical Networking," by Islam et al., pp. 1-63	12/03/2001 Filed

EXAMINER <i>Sh-K-L</i>	DATE CONSIDERED <i>1/4/2006</i>
---------------------------	------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE